

AMENDMENTS TO THE CLAIMS

15. (Currently Amended) A method for controlling a field transmitter S1 for process automation having in combination therewith a control device B for input and display, comprising at least one of the following steps:

transmitting software changes (up dates/up grades) to the field transmitter S1 using the control device B;

initiating a recurrent test on the field transmitter S1 using the control device B; and

making a status query for the purpose of predictive maintenance of the field transmitters S1 using the control device B; and

executing said steps of transmitting, initiating and making by a radio link on the basis of the Bluetooth standard between the field transmitter S1 and the control device B.

Claim 16 (Cancelled).

17. (Currently Amended) The method as defined in claim 15 ~~[[16]]~~, further comprising the steps of:

providing the field transmitter S1 with a microprocessor P connected to a Bluetooth chipset SE; and

providing the control device with a microprocessor P1 which is connected to a corresponding Bluetooth chipset SE1.

18. (Currently Amended) The method as defined in claim ~~[[16]]~~ 15, further comprising the step of:

providing an antenna connection on the housing of the field transmitter S1.

19. (Previously presented) The method as defined in claim 15, wherein:
the field transmitter S1 is used for recording a process variable.

20. (Previously presented) The method as defined in claim 15, further comprising
the step of:
connecting the field transmitter S1 to a central control unit PLS by means of a
field bus FB.

21. (Previously presented) The method as defined in claim 15, wherein:
the control device B is a portable computer (laptop).

22. (Previously presented) The method as defined in claim 15, wherein:
the control device B is a portable miniature computer (palmtop).

23. (Previously presented) The method as defined in claim 15, wherein:
the control device B is a portable handheld appliance.

24. (Previously presented) The method as defined in claim 15, wherein:
the control device B is a portable radio telephone (mobile).